

Author Index for Volume 24

A

Aaberg, T. M., Sr., 193
Abe, H., 946, 977, 985
Abrams, G. W., 746
Abramson, D. H., 828
Achache, F., 728
Adán, A., 739
Agahigian, D. D., 624
Agarwal, M., 988
Ai, E., 193
Aiello, L. P., 676, S3
Akbari, H. H., 706
Akova, Y. A., 164
Alcalde-Navarrete, J. M., 455
Allen, R. D., 92
Ambesi-Impiombato, M., 763
Ang, C. L., 184
Apte, R. S., 501
Aras, C., 801
Archer, S. M., 628
Arevalo, J. F., 471, 706
Arroyo, J. G., 155
Arslan, H., 164
Artunay, O., 801
Asano, Y., 964
Asaria, R. H., 883
Atluri, P., 120
Au Eong, K.-G., 69, 80, 157
Avitabile, T., 878
Awner, S., 615
Aydin, P., 164
Aylward, G. B., 871
Azad, R., 182
Azzolini, M., 160

B

Baba, E., 977
Bains, H. S., 152
Bakal, J., 19
Bakri, S. J., 610
Bandello, F., 183, 763
Bandyopadhyay, S., 179
Bapuraj, J. R., 179
Bartolotta, G., 878
Bartsch, D. U., 783
Bartz-Schmidt, K. U., 979
Başarer, T., 801
Bayraktar, Ş., 184
Bayraktar, Z., 184
Beck, A. P., 611

B

Beer, P. M., 610
Benz, M. S., 806
Bessho, K., 548
Bezerra, Y., 199
Bhagat, N., 637
Bhisitkul, R. B., 669
Bilbao, K. V., 427
Bilgiç, S., 976
Billingslea, A. M., 254, 920
Blair, M. P., 120, 501
Blair, N. P., 120
Blake, D. A., 199
Blasco, H., 530
Blinder, K. J., 360, 812
Bloom, S. M., 306
Blumenkranz, M. S., 427
Boixadera, A., 530
Boldt, H. C., 863
Bovey, E. H., 728
Bowie, E., 790
Bozbeyoglu, S., 164
Brancato, R., 618, 763
Bressler, N. M., 501, 888
Bressler, S. B., 501, 888
Brod, R. D., 790
Brooks, H. L., Jr., 556
Brown, G. C., 139
Brown, J., Jr., 92
Brown, M. M., 139
Brown, S. L., 306
Brucker, A. J., 132, 151, 452, 660, 661, S3
Bruun, A., 98
Bryar, P. J., 320
Bula, D. V., 155
Bunce, C., 883
Burke, J. M., 309
Buttery, R., 808
Buyukbaba, N., 170

C

Cacciatori, M., 160
Calabria, G., 622
Campochiaro, P. A., 183
Capobianco, B., 763
Capone, A., 283
Castellanos, J. M., 30
Çekic, O., 51, 210, 412, 796
Chae, J. B., 655
Chalam, K. V., 817
Chambers, R. B., 474
Chan, C. K., 706

Chang, S., S3
Chapman, K., 242
Charles, S., 435
Charteris, D. G., 883
Chee, S.-P., 469, 953
Chen, C.-H., 383
Chen, Y.-J., 383
Cheng, L., 376, 714, 783
Choi, M. Y., 368
Chung, H., 368
Chung, J. E., 491
Cirino, A. C., 152
Ciulla, T. A., 521
Clark, W. L., 226
Clement, A., 319
Cohen, S. B., 304
Conway, B. P., 616
Cooney, M. J., 957
Cooper, B., 19
Cooper, B. A., 360, 812
Coppola, M., 160
Corcóstegui, B., 530, 739
Costa, D., 399
Cox, M. S., Jr., 341
Criswell, M. H., 521
Cummings, T. J., 275
Cunningham, E. T., Jr., 467, 676, S3
Czajka, M. P., 275

D

D'Amico, D. J., S3
Daniel, W. G., 541
Danis, R. P., 521
Das, T., 391, 803
Davidoff, F. H., 474
Dealba, F., 974
Deguchi, T., 57
de Juan, E., Jr., 80, 157, 183, 231
Demizu, S., 721
de Molfetta, V., 160

Dithmar, S., 116
Dresp, J. H., 110
Duh, Y. J., 661
Dunn, J. P., 41

E

Eagle, R. C., Jr., 168
Edelhauser, H. F., 776
Eells, J. T., 309
El-Bradey, M. H., 376, 783
El-Musharaf, A., 783

F

Farah, M. E., 69, 80, 157
Fekrat, S., 183, 293
Fernandez, C. F., 471
Fernández de Arevalo, B., 319
Ferrone, P. J., 615
Feuer, W., 574
Figueiredo, E., 199
Figueroa, M. S., 319
Fishman, G. A., 799
Flynn, H. W., S1
Flynn, H. W., Jr., S3
Foerster, M. H., 631, 929
Folk, J. C., 863
Fortun, J., 319
Fosnot, J., 132, 660
Foster, B. S., 624
Foster, G., 41
Foster, R. E., 263
Foster, W., 812
Fracs, F., 654
Freeman, W. R., 376, 714, 783
Fu, A., 790
Fu, A. D., 193, 602
Fujii, G. Y., 69, 231
Fujikado, T., 51, 548
Furukawa, M., 721

G

Galletta, S. L., 452
Gandorfer, A., 582
Garat, M., 30
García-Arumí, J., 30, 530
García-Layana, A., 455
Garcia-Valenzuela, E., 746
Garg, S., 650
Garg, S. J., 147
Gass, C. A., 582
Gass, J. D. M., 637
Gehlbach, P. L., 57
Gehrs, K. M., 863

Gelso, A., 172
 Genaidy, M., 199
 Geroski, D. H., 776
 Ghahramani, F., 199
 Ghosh, F., 98
 Giacomelli, G., 763
 Gilbert, J. A., 776
 Glaser, D. A., 120
 Godley, B., 602
 Goldberg, M. F., 501
 Goldstein, D. A., 974
 Gombos, D. S., 825
 Gomi, F., 51, 210, 412
 Gonzales, C. R., 464
 Gopal, L., 312
 Gordon, J., 661
 Grand, M. G., 19, 360
 Grant, K. F., 226
 Grebe, L., 80
 Grebe, R., 69
 Greene, H. H., 458
 Gregor, Z. J., 293, 871
 Greven, C. M., 363
 Grigorian, R. A., 637
 Grillone, L. R., S3
 Gross, N., 151, 356, 989
 Grossniklaus, H. E., 226
 Gupta, A., 179
 Gupta, R., 391
 Gupta, V., 179
 Gürelik, G., 602
 Guven, D., 157
 Guzel, H., 63, 801

H

Haas, A., 567
 Haberal, M., 164
 Hagimura, N., 910
 Haller, J. A., 157, 183
 Hamurcu, M. S., 972
 Handa, J. T., 646
 Harazny, J., 541
 Harino, S., 461, 796
 Haritoglou, C., 582
 Harrison, S., 602
 Hartley, K. L., 806
 Hartnett, M. E., 237, 658,
 753
 Hasanreisoglu, B., 602
 Hasegawa, S., 946, 977
 Hasegawa, T., 412
 Hashimoto, M., 796
 Hasiripi, H., 972
 Hayashi, A., 51, 210
 Hejny, C., 776
 Hermann, A., 979
 Hernández, C., 30
 Hida, T., 964

Hirai, T., 646
 Hirakata, A., 964
 Hirato, T., 267
 Hoerle, S., 810
 Holder, G. E., 871
 Hollander, D. A., 669
 Holz, F. G., 116
 Honda, S., 646
 Hori, K., 481
 Hosohata, J., 548
 Hotta, J., 307
 Hotta, K., 307
 Hsu, J., 452
 Huang, J., 814
 Huang, S.-Y., 407
 Hugo, C., 541
 Huie, P., 427
 Humayun, M. S., 69, 80,
 157, 231
 Hutcherson, S., S3
 Hwang, J.-M., 368
 Hyderabad Endophthalmitis
 Research Group, 803

I

Ibarra, M. S., 452
 Ichibe, M., 946, 977, 985
 Iida, T., 910
 Ikeda, T., 461
 Ikuno, Y., 51, 210, 412
 Inoue, M., 481, 962, 970
 Introini, U., 763
 Irvine, A. R., 669
 Ishida, M., 625
 Ishida, S., 481, 962
 Ishida, Y., 633
 Isola, V., 618
 Itabashi, T., 940
 Ito, Y., 746
 Iwahashi, Y., 796

J

Jabs, D. A., 41
 Jacobs, D., 452
 Jager, R. D., 676
 Jampol, L. M., 152, 179,
 320, 611, 650
 Jandeck, C., 631
 Janknecht, P., 293
 Jian, K., 633
 Johansson, K., 98
 Johnson, R. N., 193
 Johnston, R., 871
 Johnston, R. L., 320
 Joondeph, B. C., 736
 Jumper, J. M., 193

K

Kalayci, D., 972
 Kamei, M., 412, 548
 Kampik, A., 582
 Karacorlu, M., 324
 Karacorlu, S., 324
 Karatzas, E. C., 304, 327
 Kato, T., 633
 Katz, B., 458
 Kawamura, M., 940
 Kawashima, S., 481
 Kellner, L., 80
 Kellner, U., 631, 929
 Kelly, M. P., 263
 Kennedy, M., 120
 Kertes, P. J., 219
 Keserci, B., 51, 210
 Khetan, V., 317
 Kim, H. H., 320
 Kim, R., 467
 Kimura, H., 297, 329
 Kiratli, H., 976
 Kishi, S., 299, 507, 758,
 910, 915
 Kitamura, S., 481
 Klais, C. M., 459
 Klanenik, J., 151
 Klanenik, J. M., Jr., 315,
 356
 Klesert, T., 493
 Knudsen, L. L., 905
 Kode, R., 263
 Kohl, S., 929
 Kojima, E., 964
 Kojima, M., 297
 Kraus, H., 929
 Kreiger, A. E., 464
 Kreissig, I., 246
 Kroll, P., 810
 Kumagai, K., 721
 Kumar, A., 987
 Kuo, H.-K., 383
 Kuo, M.-L., 383
 Kuo, P.-C., 199
 Kupersmith, M. J., 36
 Kuppermann, B. D., 41
 Kuroda, S., 329

L

Lakhanpal, R. R., 69, 80,
 157, 231
 Landolfi, M., 637
 Langer, P., 637
 Langmann, G., 567
 Larson, C. A., 120
 Larson, E., 721
 Leahey, A. M., 849
 Lechuga, M., 739

Lecube, A., 30

Lee, G. J., 706
 Lee, L., 654
 Lee, R. T., 320
 Lee, S. Y., 184
 Lee, S.-Y., 450
 Leibole, M., 812
 Leng, T., 427
 Lesnoni, G., 172
 Lewandowski, M. F., 309
 Lewis, H., 161
 Li, H., 629
 Li, J.-Q., 407
 Li, T., 974
 Liebmann, J. M., S3
 Lim, W.-K., 469, 953
 Lin, A. P., 464
 Lin, S. G., 706
 Lincoff, H., 246
 Liu, C.-C., 383
 Liu, J. C., 863
 Liu, T., 120
 Liu, W., 407
 Lowder, C., 263
 Lund, D. J., 92

M

MacCumber, M. W., 445
 Maeshima, K., 507
 Maguluri, S., 753
 Maia, M., 69, 80, 157
 Malik, G., 132, 660
 Mandelcorn, M. S., 348
 Margalit, E., 69, 80, 157
 Margherio, R. R., 341
 Marsh, M. J., 888
 Martin, D. F., 41
 Martinez-Castillo, V., 530
 Martínez-Monge, R., 455
 Mason, J. O., III, 176, 458
 Mason, J. O., Jr., 900
 Mataftsi, A., 416
 Mateo, C., 739
 Materin, M. A., 327
 Matsuda, S., 796
 Matsunaga, N., 297
 McColm, J. R., 237, 753
 McCuen, B. W., 275
 McDonald, H. R., 147,
 193, 293, 445, 602, 790,
 957
 McNamara, J. A., 168
 Meadows, A. T., 849
 Meallet, M. A., 613
 Men, G., 199
 Menchini, F., 183
 Menchini, U., 763
 Mendoza, A. J., 471

Menz, D.-H., 110
 Meyer, C. H., 810
 Michalk, F., 541
 Michels, M., 226
 Michelson, G., 541
 Mieler, W. F., 491, 650,
 652
 Miki, A., 977
 Millá, E., 416
 Miller, J. M., 427
 Minamoto, A., 633
 Mirani, N., 637
 Mishima, H. K., 633
 Miskala, P. H., 501
 Mittelstadt, H., 654
 Miyagawa, Y., 946
 Mizutani, H., 23
 Mohan, K. C., 467
 Mohr, N., 929
 Monshizadeh, R., 714
 Montero, J. A., 445
 Moreno, J. G., 739
 Mori, K., 57
 Mori, M., 267
 Morimoto, T., 412
 Morimura, Y., 964
 Moshfeghi, A. A., 615
 Moshfeghi, D. M., 161,
 488
 Mueller, A. J., 582
 Munier, F. L., 416
 Munir, W. M., 974
 Murray, T. G., 309

N

Naaman, G., 199
 Nagai, N., 962, 970
 Nagata, M., 329
 Nagaya, C., 796
 Nakata, K., 210
 Nakazawa, M., 23, 946
 Namperumalsamy, P., 467
 Naqvi, M., 242
 Narsipur, S. S., 454
 Neuwirth, J., 957
 Newell, C. K., 556
 Newsom, R. S. B., 871
 Nguyen, H., 275
 Nicolau, J., 242
 Nicolò, M., 622
 Niessman, M., 783
 Noble, K., 151
 Noda, K., 962
 Nrusimha devara, R. K.,
 348

O

O'Brien, T. P., S3
 Ogino, N., 721
 Oguchi, Y., 481, 962, 970
 Ogura, Y., 297
 Oh, D. M., 254, 920
 Oh, K. T., 254, 920
 Ohji, M., 51, 210, 412, 548
 Okada, A. A., 964
 Okajima, O., 267
 Okisaka, S., 625
 Okuno, T., 646
 Olivier, S., 445
 Olsen, T. W., 166
 Otani, T., 507, 758
 Otsuki, H., 620
 Oya, Y., 985
 Oyagi, T., 215, 548
 Özdek, S., 602
 Ozdemir, H., 324
 Ozkan, S., 63, 801

P

Palanker, D. V., 427
 Pambuccian, S. E., 166
 Panizo-Santos, A., 455
 Pardue, M. T., 776
 Park, C., 293
 Park, D. W., 790
 Park, H. R., 655
 Park, K. H., 368
 Parodi, M. B., 763
 Patel, N. N., 883
 Patel, S. C., 676
 Pece, A., 618, 763
 Petters, R. M., 98
 Peyman, G. A., 199, 488
 Phillips, M. J., 776
 Piccione, K., 363
 Pieramici, D. J., 157, 888
 Polk, T. D., 790
 Polkinghorne, P. J., 808
 Poothullil, A. M., 669
 Pressman, M. D., 474
 Priglinger, S. G., 582

R

Rafiei, N., 714
 Raja, S. C., 183
 Raju, B., 803
 Ramakrishnan, S., 312
 Rao, A. G., 478
 Rao, C. V., 478
 Rao, D. V., 391
 Rao, N., 467
 Rao, S. K., 312
 Ravage, Z. B., 611
 Recchia, F. M., 283

Regillo, C. D., 147
 Reibaldi, A., 878
 Reich, S. J., 132, 660, 661
 Renner, A. B., 929
 Rescigno, R., 637
 Richmond, C. A., 611
 Robertson, J. E., 193
 Rodrigues, E. B., 810
 Rofail, M., 654
 Rosenblatt, B. J., 322
 Rosenow, J., 254, 920
 Ross, D., 263
 Ross, R. D., 341
 Rossi, J. V., 231
 Rossi, T., 172
 Ruiz-Moreno, J. M., 445
 Rush, R., 242
 Rush, S., 242
 Russell, M. K., 736
 Russell, S. R., 790

S

Sadda, S. R., 888
 Saidel, M. A., 120
 Saito, I., 646
 Sakaguchi, H., 412
 Sakamoto, T., 652
 Sakuraba, T., 23
 Salam, G. A., 615
 Salinas-Alamán, A., 455
 Salman, A., 659
 Sánchez-Tocino, H., 455
 Sano, A., 57
 Sarikatipoğlu, H., 972
 Sato, H., 940
 Sato, T., 910
 Sato, Y., 970
 Sawa, M., 51, 210, 412
 Sawada, T., 461
 Sborgia, M., 160
 Schachat, A. P., 501
 Schatz, B., 567
 Schaumberger, M., 582
 Scheffler, A. C., 828
 Schmidt, J. C., 810
 Schneider, U., 979
 Schuscherba, S. T., 92
 Schutt, F., 116
 Scott, I. U., S1, S3
 Sears, J. E., 161
 Secrétan, M., 416
 Segura, R. M., 30
 Sekine, H., 267
 Sen, H. A., 445
 Sengün, A., 706
 Shah, G. K., 19, 322, 360,
 812
 Shah, V. A., 817

Shaikh, S., 628
 Shankle, J. B., 320
 Shanmugam, M., 659
 Shanmugam, M. P., 317
 Shanmugam, P. M., 988
 Sharma, M. C., 799, 974
 Sharma, S., 19, 139, 312,
 391
 Sheidow, T. G., 360
 Shields, C. K., 849
 Shields, C. L., 168, 304,
 327, 454
 Shields, J. A., 168, 304,
 327, 454, 849
 Shinoda, H., 962, 970
 Shinoda, K., 481, 962, 970
 Shiraga, F., 620
 Shukla, D., 467
 Shults, W. T., 772
 Simó, R., 30
 Singh, R. J., 900
 Sinha, P., 317
 Slakter, J., 399
 Small, K. W., 591
 Small, W., IV, 521
 Smiddy, W. E., 193, 574,
 714
 Smith, R., 80
 Snyder, W. J., 521
 Somaia, M. D., 900
 Song, J., 613
 Song, M.-K., 376
 Soni, M., 312
 Spaide, R., 814, 989
 Spaide, R. F., 151, 301,
 315, 459, 491, S3
 Spaide R. F., 356
 Specht, H., 116
 Sperber, D. E., 454
 Spoerl, E., 967
 Stec, L. A., 341
 Steinmetz, R. L., 556
 Stiebel-Kalish, H., 36
 Stinnett, S., 275
 Stone, E. M., 254, 920,
 957
 Stopa, M., 246
 Stout, J. T., 613
 Stuck, B. E., 92
 Stueven, H. A., 309
 Stur, M., 13, 399
 Sullivan, P. M., 714, 871
 Sunder, S., 312
 Sunness, J. S., 805, 957
 Suzuki, Y., 23

T

- Ta, C., S3
- Ta, C. N., 699
- Tabandeh, H., 714
- Takagi, M., 946
- Takahashi, H., 267
- Takahashi, K., 299, 915
- Takasu, I., 620
- Takaya, K., 23
- Takeuchi, S., 560, 625
- Tamai, M., 940
- Tamaki, Y., 267
- Tang, S.-B., 407
- Tanimoto, N., 946, 977
- Tano, Y., 51, 210, 412, 548
- Tarasewicz, D. G., 706
- Tas, F., 170
- Telander, D. G., 166
- Tenekeci, N., 170
- Thompson, H. W., 753
- Thool, B. A., 478
- Ticho, B. H., 152
- Tillack, H., 929
- Tolentino, M. J., 132, 660, 661
- Topuz, E., 170
- Torres, G., 69
- Torriani, F. J., 376
- Torrisi, B., 878

U

- Ueki, S., 946
- Uemoto, R., 560
- Uemura, A., 652, 721
- Uffer, S., 728
- Ustuner, Z., 170
- Usui, T., 946, 977
- Utsugi, N., 915
- Utsugi-Sutoh, N., 507
- Uyama, M., 796

V

- VAM Study Writing Committee, 512
- Van Natta, M., 41

Tran, H., 120

Traynor, M. P., 616

Treatment of Age-Related Macular Degeneration with Photodynamic Therapy Study Group, 1

Treichel, J. L., 309

Trese, M. T., 341, 628, S3

Tsai, H.-H., 383

Tso, M. O. M., 69

Tsukahara, I., 560

Türkçüoglu, P., 976

Turtel, L. S., 36

Varano, M., 763

Verma, D., 182, 231

Verteporfin in Photodynamic Therapy Study Group, 1

Virgili, G., 763

Voo, I., 591

Vote, B. J., 736, 808

W

- Wada, Y., 940
- Wakabayashi, T., 964
- Wan, S., 132, 660, 661
- Warren, F. A., 491
- Warren, K. A., 120
- Watzke, R. C., 772
- Weber, B. H. F., 929
- Weiland, J., 69
- Weleber, R. G., 254, 920
- Wen, F., 629
- Werner, D., 541
- Wilkinson, C. P., 493
- Williams, G. A., 341
- Wilson, D. J., 445
- Wissinger, B., 929
- Wollensak, G., 967
- Wong, F., 98, 275
- Wu, D., 629
- Wu, I.-H., 132, 660
- Wu, P.-C., 383

Y

- Yamaguchi, Y., 758
- Yamakiri, K., 652
- Yamamoto, S., 560
- Yanagi, Y., 267
- Yannuzzi, L. A., 399, 989
- Yetik, H., 63, 801
- Yilmaz, G., 164
- Ying, G.-s., 132, 660
- Yodoi, Y., 297
- Yokoyama, T., 633
- Yolar, M., 801
- Yoneya, S., 57
- Yoon, Y. H., 450, 655, 706
- Yoshizawa, T., 985
- Yu, Y. S., 368

Z

- Zaldivar, R. A., 226
- Zarbin, M. A., 637
- Zawinka, C., 13
- Zhang, P., 407
- Zheng, H.-L., 407
- Zheng, Y., 210
- Zografos, L., 416
- Zong, A., 41
- Zwick, H., 92

Subject Index for Volume 24

A

Acetazolamide, for cystoid macular edema with Best disease, 481
Acute annular outer retinopathy, indocyanine green angiography for, 796
Acute posterior multifocal placoid pigment epitheliopathy, macular serous detachment in, 650
Acute promyelocytic leukemia, paracentral scotoma in, 147
Acute retinal necrosis, optic neuropathy and blindness from, 297
Adjuvant chemotherapy, for retinoblastoma, 849
Adult-onset foveomacular vitelliform dystrophy central serous chorioretinopathy resembling, 301 vitelliform lesions from, 399
Afterimages, after lysergic acid diethylamide (LSD) use, 805
Age-related macular degeneration. *See* Macular degeneration, age-related
AIDS (Acquired immunodeficiency syndrome), cytomegalovirus retinitis in, 41
Albendazole, for subretinal cysticercosis, 469
Alport syndrome, retinal thickness decrease in, 977
Alternaria endophthalmitis, amphotericin and fluconazole for, 478
Ambulatory surgery, for rhegmatogenous retinal detachment, 246
Amphotericin, for *Alternaria* endophthalmitis, 478
Anastomosis, chorioretinal, photocoagulation with submacular surgery for, 161
Angiogenesis. *See* Neovascularization
Angiography. *See* Fluorescein angiography; Indocyanine green angiography
Angiod streaks photodynamic therapy with verteporfin for, 763 transpupillary thermotherapy for, 801
Animal studies biomechanical characteristics of the retina (pig), 967 chick chorioallantoic membrane model for vitreoretinal microsurgery, 427 choroidal perfusion after laser-induced macular holes (monkey), 92 full-thickness neuroretinal graft for photoreceptor degeneration (pig), 98

indocyanine green dye migration into optic nerve (rabbit), 412
indocyanine green effects (pig), 275
indocyanine green injections on the retinal surface and subretinal space (rabbit), 80
intravitreal injection of indocyanine green (rabbit), 69
photosensitizer PhotoPoint MV6401 for choroidal neovascularization and choriocapillaris (monkey), 521
prinomastat (AG3340) for epiretinal membrane (rat), 783
retinal toxicity from subconjunctival injection of carboplatin (rabbit), 776
small interfering RNA against vascular endothelial growth factor for choroidal neovascularization (primate), 132
small interfering RNA against vascular endothelial growth factor for choroidal neovascularization (primate) (*letter*), 660, 661
vitreoperfusion measurements of ocular oxygen consumption (cat), 120
Annular scotoma, multifocal electroretinography and optical coherence tomography for, 772
Anterior capsular occlusion, retained silicone oil and, 483
Anthrax vaccination, central serous chorioretinopathy and, 624
Antibiotic susceptibility testing, for bacterial endophthalmitis, 391
Antibiotics, for endophthalmitis prophylaxis, 699
Argon blue lasers, for S-cone syndrome, 946
Arteriovenous malformation, dural, superior ophthalmic vein occlusion with, 491
Aspergillosis, dyschromatopsia and decreasing visual acuity from, 166
Astrocytic hamartoma, gyrate retinal and choroid atrophy with, 976
Atopic dermatitis, retinal detachment with, 953
Autofluorescence, for vitelliform macular dystrophy, 929
Axial length measurements, laser Doppler interferometry for, 655

B

Bacterial endophthalmitis, antibiotic susceptibility testing for, 391

Bartonella henselae infection, retinal and optic nerve neovascularization in, 176
Best disease
 with cystoid macular edema, 481
 with ocular histoplasmosis, 799
 optical coherence tomography for, 322
Bietti's corneoretinal dystrophy, in retinitis pigmentosa, 416
Binocular occlusion, ambulatory, for rhegmatogenous retinal detachment, 246
Blindness, from acute retinal necrosis, 297
Bloch-Sulzberger syndrome. *See* Incontinentia pigmenti
Book reviews, 493
Branch retinal vein occlusion. *See* Retinal vein occlusion, branch
Breast cancer, retinal and vitreous metastasis from, 226
Butterfly needles, for vitreous tap, 803

C

Calcifications, sclerochoroidal, in glomerulonephritis, 304
Cannulas, infusion, for perfluorocarbon liquids, 116
Carboplatin, retinal toxicity from subconjunctival injection of (rabbit), 776
Carotid artery dissection, internal, central retinal vein occlusion and, 979
Carotid artery obstruction, internal
 central retinal vein occlusion and, 461
 choroidal vascular abnormalities in, 915
Cat-scratch disease, retinal and optic nerve neovascularization in, 176
Cataract formation, after pars plana vitrectomy in diabetic patients, 574
Central retinal artery occlusion. *See* Retinal artery occlusion, central
Central retinal vein occlusion. *See* Retinal vein occlusion, central
Central serous chorioretinopathy
 anthrax vaccination and, 624
 corticosteroid dermal cream and, 471
 indocyanine green-guided photodynamic therapy for (*letter*), 988, 989
 retinal pigment epithelium tear in, 633
 yellow submacular deposits in, 301
Cerebral aneurysm, subarachnoid hemorrhage-related-intraocular hemorrhage and, 36
Chemotherapy, for retinoblastoma, 849
Chick chorioallantoic membrane, as a vitreoretinal microsurgical model, 427
Children. *See also Infants*
 optic neuritis and premacular epiretinal membrane in, 972
 regressed retinopathy of prematurity in, 368
CHM gene mutations, in chorioretinopathy, 940
Choriocapillaris, photosensitizer PhotoPoint MV6401 for (monkey), 521
Chorioretinal anastomosis, photocoagulation with submacular surgery for, 161
Chorioretinal disease, differential diagnosis and treatment of, 957

Chorioretinopathy, central serous. *See* Central serous chorioretinopathy
Choroidal abscess, from *Nocardia asteroides* infection in renal transplant patients, 164
Choroidal hemangioma
 polypoidal choroidal vasculopathy with, 629
 in Sturge-Weber syndrome, 152
Choroidal melanoma, immunosuppressive agents disease and, 454
Choroidal metastasis
 from cutaneous melanoma, 622
 from lung cancer, 168
Choroidal neovascularization
 in angioid streaks
 photodynamic therapy with verteporfin for, 763
 transpupillary thermotherapy for, 801
 with chorioretinal anastomosis, photocoagulation with submacular surgery for, 161
 juxtapapillary, photodynamic therapy with verteporfin for, 501, 863
 laser photocoagulation vs. photodynamic therapy with verteporfin for, 13
 after macular hole surgery, 714
 macular translocation with 360-degree retinotomy for, 548
 optical coherence tomography with angiography for, 910
 peripapillary, with optic nerve drusen, 739
 photodynamic therapy with verteporfin for, 1, 512, 618, 763, 863
 photosensitizer PhotoPoint MV6401 for (monkey), 521
 after radial optic neurotomy, 610
 small interfering RNA against vascular endothelial growth factor for (primate), 132
 small interfering RNA against vascular endothelial growth factor for (primate) (*letter*), 660, 661
 subfoveal, photodynamic therapy with verteporfin for, 1, 512, 863
 submacular surgery for, 888
 subretinal, submacular surgery for, 219
Choroidal perfusion
 indocyanine green angiography for, 210
 after laser-induced macular holes (monkey), 92
 after macular translocation, 210
Choroidal vasculopathy, polypoidal, with choroidal hemangioma, 629
Choroideremia, *CHM* gene mutations in, 940
Cidofovir, for cytomegalovirus retinitis in AIDS patients, 41
Cisplatin therapy, choroidal metastasis after, 622
Clinical/Pathologic Correlation
 anterior capsular occlusion with retained silicone oil, 483
 multiple evanescent white dot syndrome, 637
Coats-type pigmentosa retinitis, pars plana vitrectomy for, 450
Collateral circulation, retinal choroidal, after radial optic neurotomy, 356
Continuing medical education
 economic analysis and value-based medicine, 139

engineering approach to vitreoretinal surgery, 435
 genetics of macular dystrophies, 591
 nontraumatic vs. traumatic retinal dialysis, 669
 retinoblastoma update, 828
 retinopathy of prematurity, 283
 Corneoretinal dystrophy, Bietti's, prevalence in retinitis pigmentosa, 416
 Correspondence. *See* Letters to the Editor
 Corticosteroid dermal cream, central serous chorioretinopathy and, 471
 Corticosteroids
 for immune recovery uveitis, 376
 retinal pigment epithelium tear from, 633
 Cost effectiveness, continuing medical education on, 139
 Counterpulsation, enhanced external, for central and branch retinal artery occlusion, 541
 Cryotherapy
 for retinoblastoma, 849
 for rhegmatogenous retinal detachment, 878
 Crystalline lens. *See* Intraocular lens
 Crystalline retinopathy. *See* Retinopathy, crystalline
 Cuticular drusen, vitelliform lesions from, 399
 Cysticercosis, subretinal, albendazole and steroids for, 469
 Cystoid macular edema. *See* Macular edema, cystoid
 Cytomegalovirus retinitis
 ganciclovir implants vs. cidofovir for, 41
 subretinal hemorrhage in, 611

D

Deferoxamine treatment, vitelliform maculopathy from, 464
 Dermatitis, atopic, retinal detachment with, 953
 Detergents, on instruments after cleaning and sterilization, 110
 Diabetic maculopathy
 methylprednisolone injections for, 905
 vitrectomy for submacular exudates and, 23
 Diabetic papillopathy, as a risk factor for diabetic retinopathy progression (*letter*), 183, 184
 Diabetic patients
 hyperlipidemia in, 312
 macular hole surgery in, 360
 Diabetic retinopathy
 cataract formation after pars plana vitrectomy for, 574
 diabetic papillopathy as a risk factor for (*letter*), 183
 diabetic papillopathy as a risk factor for progression of (*letter*), 184
 photocoagulation scars in, 507
 proliferative, source of intravitreal leptin in, 30
 Diabetic vitreous hemorrhage, vitrectomy for, 19
 Diagnostic and Therapeutic Challenges
 bilateral vision loss, 602
 paracentral scotoma, 147
 peripapillary retinal degeneration, 957
 retinal arteriolar tortuosity, 790
 retinal venous macroaneurysm, 445
 visual loss after retinal reattachment, 293
 Diode laser coagulation, for incontinentia pigmenti, 631
 Drusen

cuticular, vitelliform lesions from, 399
 optic nerve, with peripapillary choroidal neovascularization, 739
 Drusenlike deposits, in glomerulonephritis, 304
 Dural arteriovenous malformation, superior ophthalmic vein occlusion with, 491
 Dyschromatopsia, in systemic aspergillosis, 166
 Dystrophy, vitelliform
 central serous chorioretinopathy resembling, 301
 optical coherence tomography for, 322

E

Economics, health care, continuing medical education on, 139
 Edema, macular. *See* Macular edema
 Editorials
 current management of retinoblastoma, 825
 intravitreal triamcinolone acetonide, 488
 Electro-oculography, for Best disease, 799
 Electrotretinography
 for annular scotoma, 772
 for Stargardt disease and fundus flavimaculatus, 920
 for vitelliform macular dystrophy, 929
 Endophthalmitis
 Alternaria, amphotericin and fluconazole for, 478
 aspergillosis, dyschromatopsia and decreasing visual acuity from, 166
 bacterial, antibiotic susceptibility testing for, 391
 from intravitreous injections, 676, 699, 808
 Klebsiella pneumoniae, outcomes for, 383
 nocardial, choroidal neovascularization with chorioretinal anastomosis and, 161
 Scedosporium apiospermum, voriconazole for, 319
 from triamcinolone-acetonide injection (*editorial*), 488
 Engineering principles, of vitreoretinal surgery, 435
 Enhanced external counterpulsation, for central and branch retinal artery occlusion, 541
 Enucleation, for retinoblastoma, 849
 Epimacular membrane peeling, functional outcomes of, 728
 Epiretinal membranes
 childhood optic neuritis and, 972
 idiopathic vs. secondary, optical coherence tomography for, 57
 prinomastat (AG3340) for (rat), 783
 trypan blue staining of, 736
 Epitheliopathy, acute posterior multifocal placoid pigment, macular serous detachment in, 650
 Erratum, 990
 Evidence-based medicine, vs. value-based medicine, 139
 External beam radiotherapy, for retinoblastoma, 849
 Eye pain
 after interoperative ketorolac (*letter*), 182, 183
 after pars plana vitrectomy, 458
 Eyelid speculum examination, infant distress during, 242

F

Familial retinal arteriolar tortuosity, differential diagnosis and treatment of, 790

Femtosecond lasers, premacular hemorrhage from, 812
 Fibrin sealant, carboplatin subconjunctival injection in, 776
 Fibrocellular membrane, anterior capsular occlusion with, 483
 Fibromuscular dysplasia, central retinal vein occlusion and, 461
Fluconazole, for *Alternaria* endophthalmitis, 478
 Fluorescein angiography
 for choroidal neovascularization in retinal pigment epithelial detachment, 910
 for incontinentia pigmenti, 628
 for superior ophthalmic vein occlusion with dural arteriovenous malformation, 491
 Fluorescein dye, ocular side effects of, 263
 Fluoron. *See* Perfluorohexylcane
 Formivirsen sodium, intravitreous injection guidelines, S3
 Formate, retinal toxicity from, 309
 Foveal sensitivity and fixation stability, scanning laser ophthalmoscopy for, 548
 Fundus flavimaculatus
 clinical and electroretinogram features of, 920
 in Stargardt disease, 254
 Fungal endophthalmitis
 amphotericin and fluconazole for, 478
 voriconazole for, 319

G

Ganciclovir implants, for cytomegalovirus retinitis in AIDS patients, 41
 Genetic mutations, in choroidelemia, 940
 Giant retinal tears. *See* Retinal tears, giant
 Glaucoma, angle-closure, silicone oil and (*letter*), 987
 Glomerulonephritis, drusenlike deposits and sclerochoroidal calcification in, 304
 Gyrate atrophy, astrocytic hamartoma and, 976

H

Hamartoma
 astrocytic, gyrate retinal and choroid atrophy with, 976
 congenital simple, optical coherence tomography for, 327
 optical coherence tomography and scanning laser ophthalmoscopy for, 970
 Health care economics, continuing medical education for, 139
 Hemangioma
 choroidal
 polypoidal choroidal vasculopathy with, 629
 in Sturge-Weber syndrome, 152
 retinal capillary, transpupillary thermotherapy for, 981
 Hemorrhage
 diabetic vitreous, vitrectomy for, 19
 intraocular, subarachnoid hemorrhage-related, 36
 premacular, from femtosecond lasers, 812
 retinal, in Terson syndrome, 155
 submacular, tissue plasminogen activator injection for, 808
 Vitreous
 from choroidal metastasis, 168

after scleral suturing of interocular lenses, 193
 vitrectomy for, 36
 Histoplasmosis, ocular
 Best dystrophy with, 799
 photodynamic therapy with verteporfin for, 863
 subretinal neovascularization from, 219
 Hyaloid membrane, trypan blue staining of, 736
 Hyperlipidemia, in diabetic patients, 312
 Hyperoxaluria, primary, retinal oxalosis in, 974
 Hypertension, with thrombotic thrombocytopenic purpura, 806

I

Idiopathic juxtafoveal telangiectasis, description and name of, 474
 ILM peeling. *See* Internal limiting membrane peeling
 Immune recovery uveitis, long-term results of treatment for, 376
 Immunosuppressive agents, choroidal melanoma and, 454
 Incarcerated materials, at sclerotomy sites, 407
 Incontinentia pigmenti
 diode laser coagulation and pars plana vitrectomy for, 631
 fluorescein angiography for, 628
 retinal avascularity in, 613
 Indium chloride methyl pyropheophorbide, for choriocapillaris and choroidal neovascularization (monkey), 521
 Indocyanine green angiography
 for acute annular outer retinopathy, 796
 for choroidal neovascularization in retinal pigment epithelial detachment, 910
 for choroidal perfusion evaluation, 210
 for internal carotid artery obstruction, 915
 for superior ophthalmic vein occlusion with dural arteriovenous malformation, 491

Indocyanine green dye
 intravitreal injection effects(rabbit), 69
 migration into the optic nerve (rabbit), 412
 retinal and retinal pigment epithelium effects (pig), 275
 retinal pigment epithelial damage from, 157
 retinal surface and subretinal space effects (rabbit), 80
 Infants
 distress during eyelid speculum examination, 242
 fluorescein angiography of incontinentia pigmenti in, 628
 lens-sparing vitrectomy for ROP in, 615

Inflammatory eye disease, fluorescein dye adverse reactions and, 263

Infusion cannulas, for perfluorocarbon liquids, 116
 Injection, intravitreous. *See* Intravitreous injections

Inner limiting membrane peeling. *See* Internal limiting membrane peeling

Instrumentation
 detergent and silicone oil remnants after cleaning, 110
 guarded radial optic neurotomy knife, 817
 improved wide-angle vitrectomy lens holder, 654

Interferometry, laser Doppler, for axial length measurements, 655

Internal limiting membrane peeling

for chronic macular holes, 341
 engineering approach to, 435
 for epimacular membranes, 728
 with indocyanine green, retinal pigment epithelial damage from, 157
 for macular edema, 348
 for macular holes, 721
 for retinal detachment with macular hole, 560
 for Terson syndrome-associated retinal hemorrhage, 155
 with triamcinolone-acetonide, for macular holes, 620
 trypan blue staining for, 736
 Intraocular hemorrhage, subarachnoid hemorrhage-related, 36
 Intraocular lens, posterior chamber
 pars plana vitrectomy for, 556
 scleral suturing of, 193
 Intraocular tamponade, long-term, perfluorohexyloctane for, 567
 Intravitreous injections. *See also* Indocyanine green dye;
 Triamcinolone-acetonide
 30-gauge needles for, 810
 endophthalmitis from, 699, 808
 guidelines for, S1, S3
 of methylprednisolone, 905
 review of serious adverse effects of, 676
 Iron chelating agents, vitelliform maculopathy from, 464
 IRVAN syndrome, differential diagnosis and treatment of, 602, 790
 Ischemic syndrome, ocular, triamcinolone-acetonide injection for, 459

J

Juxtafoveal telangiectasis, description and name of, 474

K

Ketorolac, postoperative eye pain after vitreoretinal surgery with (*letter*), 182, 183
 Kidney transplantation, *Nocardia asteroides* choroidal abscess after, 164
 Kirby-Bauer disk diffusion method, for bacterial endophthalmitis, 391
Klebsiella pneumoniae endophthalmitis, outcomes for, 383
 Knife, guarded radial optic neurotomy, 817

L

Laser Doppler interferometry, for axial length measurements, 655
 Laser in situ keratomileusis (LASIK), pre and post-LASIK
 retinal breaks and detachments in myopic eyes, 706
 Laser scars, from photocoagulation in diabetic retinopathy, 507
 Laser therapy. *See also* Photocoagulation
 for rhegmatogenous retinal detachment, 878
 Lasers. *See also* Scanning laser ophthalmoscopy
 argon blue, for S-cone syndrome, 946
 diode, for incontinentia pigmenti, 631
 femtosecond, premacular hemorrhage from, 812
 Nd:YAG Q-switched, macular holes from, 92

Nd:YAG, for rhegmatogenous retinal detachment, 878
 LASIK. *See* Laser in situ keratomileusis (LASIK)
 Lens fragments, retained, pars plana, 363
 Lens, ocular. *See* Intraocular lens
 Leptin, in proliferative diabetic retinopathy, 30
 Letters to the Editor
 diabetic papillopathy and diabetic retinopathy progression, 184
 diabetic papillopathy and retinopathy progression, 183
 injection of vascular endothelial growth factor, 660, 661
 intraoperative ketorolac and eye pain from vitreoretinal surgery, 182, 183
 photodynamic therapy for central serous chorioretinopathy, 988, 989
 radial optic neurotomy for retinal vein occlusion, 182
 retinal detachment surgery in Marfan syndrome, 184
 silicone oil pupil-block glaucoma, 987
 subretinal fluid drainage in exudative retinal detachment, 659
 surgical outcomes for retinopathy of prematurity, 658
 Leukemia, acute promyelocytic, paracentral scotoma in, 147
 Lipemia retinalis, in diabetic patients, 312
 Liver abscess, *Klebsiella pneumoniae* endophthalmitis from, 383
 Lung cancer, choroidal metastasis from, 168
 Lysergic acid diethylamide (LSD), photophobia and after-images after, 805

M

Macroaneurysm
 optic disk, retinal artery malformation and, 985
 retinal venous, diagnosis and management of, 445
 Macular degeneration, age-related
 laser photocoagulation vs. photodynamic therapy with verteporfin for, 13
 photodynamic therapy with verteporfin for, 512, 618
 retinal pigment epithelial damage in, 910
 subfoveal choroidal neovascularization from, 1
 Macular detachment, serous
 in acute posterior multifocal placoid pigment epitheliopathy, 650
 with midperipheral branch retinal vein occlusion, 299
 Macular dystrophy
 genetics of, 591
 vitelliform
 with cystoid macular edema, 481
 morphologic and functional evaluation of, 929
 Macular edema
 chronic, triamcinolone-acetonide injection for, 964
 cystoid
 acetazolamide for, 481
 immune recovery uveitis and, 376
 triamcinolone-acetonide injection for, 459
 diabetic, methylprednisolone injections for, 905
 with distant retinal vascular disorders, 758
 ILM peeling for, 348
 with midperipheral branch retinal vein occlusion, 299

radial optic neurotomy for, 356
sheathotomy and tissue plasminogen activator for, 530
triamicinolone-acetonide injection for (*editorial*), 488

Macular holes
choroidal neovascularization after surgery for, 714
choroidal perfusion after (monkey), 92
chronic, pars plana vitrectomy and ILM peeling for, 341
in diabetic patients, 360
ILM peeling for, 560
ILM peeling with indocyanine green for, 157
ILM peeling with triamcinolone acetonide for, 620
indocyanine green dye effects on, 275
pars plana vitrectomy with and without ILM peeling for, 721
spontaneous closure of, 625

Macular pucker surgery, trypan blue in, 582

Macular translocation
for choroidal neovascularization, 548
choroidal perfusion after, 210
retinal microcirculation before and after, 51
with scleral infolding, for retinal detachment, 962

Maculopathy
diabetic, submacular hard exudates in, 23
stellate, in x-linked retinoschisis, 151
vitelliform, after deferoxamine treatment, 464

Marfan syndrome, retinal detachment surgery in (*letter*), 184

Matrix metalloproteinase inhibitors, for epiretinal membrane (rat), 783

Melanocytoma, optic disk, with neuroretinitis, 317

Melanoma
-associated retinopathy, 320
choroidal, immunosuppressive agents and, 454
cutaneous, choroidal metastasis from, 622
serous retinal detachment from, 320
uveal
 rapidly growing, 646
 spleen metastasis from, 170

Membrane peeling. *See Internal limiting membrane peeling*

Metastasis
choroidal
 from cutaneous melanoma, 622
 from lung cancer, 168
retinal and vitreous, from breast cancer, 226
serous retinal detachment from, 320

Methanol poisoning, retinal toxicity in, 309

Methylprednisolone injections, for diabetic macular edema, 905

Microsurgery, vitreoretinal, chick chorioallantoic membrane model for, 427

Minimal change disease, immunosuppressive agents and
melanoma in, 454

Miragel buckles, spontaneous expulsion of, 306

Model systems, for vitreoretinal microsurgery (chick chorioallantoic), 427

Mometasone furoate, central serous chorioretinopathy and, 471

Morning glory syndrome, retinal detachment in, 652

Multifocal electroretinography, for annular scotoma, 772
Multiple evanescent white dot syndrome
 brown areas in, 814
 vs. sympathetic ophthalmia, 637

Myopia
ILM peeling for, 560
pre and post-LASIK retinal breaks and detachments in, 706
retinoschisis and, 331

N

Nd:YAG lasers
macular holes from, 92
for rhegmatogenous retinal detachment, 878

Needles
30-gauge, complications from, 810
butterfly, for vitreous tap, 803

Neonates, incontinentia pigmenti in, 613

Neovascularization
choroidal. *See Choroidal neovascularization*
optic nerve, in *Bartonella henselae* infection, 176
retinal
 in *Bartonella henselae* infection, 176
 in incontinentia pigmenti, 613

Nephrotic syndrome, immunosuppressive agents for, 454

Neuralgia, occipital, severe eye pain from, 458

Neuritis, optic
premacular epiretinal membrane and, 972
after rabies vaccination, 179

Neuropathy, optic. *See Optic neuropathy*

Neuroretinal grafts, full-thickness (pig), 98

Neuroretinitis
cat-scratch, photocoagulation for, 176
optic disk melanocytoma with, 317

Neurotomy knife, guarded radial optic, 817

Neurotomy, radial optic
for central retinal vein occlusion, 356, 610, 616
choroidal neovascularization after, 610
for retinal vein occlusion (*letter*), 182

New Instruments. *See Instrumentation*

***Nocardia asteroides* infection**, choroidal abscess from, 164

Nocardial endophthalmitis, choroidal neovascularization with chorioretinal anastomosis and, 161

O

Occipital neuralgia, severe eye pain from, 458

Ocular injuries, penetrating, sympathetic ophthalmia in, 637

Ocular ischemic syndrome, triamcinolone-acetonide injection for, 459

Ocular oxygen consumption, vitreoperfusion estimates of (cat), 120

Ophthalmia, sympathetic, vs. multiple evanescent white dot syndrome, 637

Ophthalmoscopy, scanning laser. *See Scanning laser ophthalmoscopy*

Optic disk macroaneurysm, retinal artery malformation and, 985

Optic disk melanocytoma, with neuroretinitis, 317

Optic nerve drusen, with peripapillary choroidal neovascularization, 739
 Optic nerve injury, after pars plana vitrectomy with silicone oil tamponade, 293
 Optic nerve neovascularization, in *Bartonella henselae* infection, 176
 Optic nerve, indocyanine green dye migration into (rabbit), 412
 Optic neuritis, after rabies vaccination, 179
 Optic neuropathy, from acute retinal necrosis, 297
 Optical coherence tomography
 for annular scotoma, 772
 for Best disease, 322
 for choroidal neovascularization, 910
 for congenital simple hamartoma, 327
 for idiopathic and secondary epiretinal membranes, 57
 for macular holes with spontaneous closure, 625
 for retinal pigment epithelial hamartoma, 970
 for retinal thickness decrease in Alport syndrome, 977
 for rhegmatogenous retinal detachment, 63
 for x-linked retinoschisis, 151
 Optociliary vessels, in central retinal vein occlusion (*letter*), 182
 Orbital pseudotumors, central retinal vein occlusion from, 455
 Outpatient surgery. *See Ambulatory surgery*
 Oxygen consumption, ocular, vitreoperfusion estimates of (cat), 120

P

Pain. *See Eye pain*
 Palinopsia, after lysergic acid diethylamide (LSD) use, 805
 Panuveitis, atopic dermatitis masquerading as, 953
 Papillopathy, diabetic, as a risk factor for diabetic retinopathy progression (*letter*), 183, 184
 Paracentral scotoma, differential diagnosis and treatment of, 147
 Pars plana vitrectomy. *See Vitrectomy, pars plana*
 Pediatric patients. *See Children*
 Penetrating ocular injuries, sympathetic ophthalmia in, 637
 Perfluorocarbon liquids
 droplet formation using regular and novel infusion canulas, 116
 risk for subretinal retention of, 746
 subfoveal droplets, after pars plana vitrectomy, 172
 Perfluorohexylcokane, for long-term tamponade, 567
 Photo Essay
 bilateral optic neuritis with rabies vaccination, 179
 dural arteriovenous malformation and superior ophthalmic vein occlusion, 491
 macular serous detachment in acute posterior multifocal placoid pigment epitheliopathy, 650
 optic disk macroaneurysm with retinal artery malformation, 985
 retinal detachment in morning glory syndrome, 652
 retinoschisis in highly myopic eyes, 331
 Photocoagulation
 for cat-scratch neuroretinitis, 176
 vs. photodynamic therapy with verteporfin, 13
 with submacular surgery, for choroidal neovascularization, 161
 Photocoagulation scars, in diabetic retinopathy, 507
 Photodynamic therapy. *See also Verteporfin*
 in age-related macular degeneration, 512
 for angioid streaks, 763
 for choroidal neovascularization, 618, 763
 indocyanine green-guided, for central serous chorioretinopathy (*letter*), 988, 989
 for juxtafoveal choroidal neovascularization, 501
 vs. laser photocoagulation, 13
 for ocular histoplasmosis with choroidal neovascularization, 863
 photosensitizer PhotoPoint MV6401 for (monkey), 521
 for Sturge-Weber syndrome, 152
 for subfoveal choroidal neovascularization, 1, 512
 for vitelliform lesions, 399
 Photography, still motion animation, 315
 Photophobia, after lysergic acid diethylamide (LSD) use, 805
 Photoreceptor degeneration, full-thickness neuroretinal graft for (pig), 98
 Photoreceptor injury, from indocyanine green injections (rabbit), 80
 Photosensitizer PhotoPoint MV6401, for choriocapillaris and choroidal neovascularization (monkey), 521
 Pigmentosa retinitis
 Coats-type, 450
 prevalence in Bietti's corneoretinal dystrophy, 416
 Plasmin
 induction of posterior vitreous detachment, 199
 lysine-plasminogen and sulfur hexafluoride production of, 199
 Polypoidal choroidal vasculopathy, with choroidal hemangioma, 629
 Posterior chamber intraocular lens
 dislocation, pars plana vitrectomy for, 556
 scleral suturing of, 193
 Posterior hyaloid, trypan blue staining of, 736
 Posterior scleritis, central retinal artery and vein occlusion from, 467
 Posterior vitreous detachment, plasmin induction of, 199
 Povidone-iodine, for endophthalmitis prophylaxis, 699
 Premacular hemorrhage, from femtosecond lasers, 812
 Primary hyperoxaluria type 1, retinal oxalosis in, 974
 Prinomastat (AG3340), for epiretinal membrane (rat), 783
 Proliferative vitreoretinopathy. *See Vitreoretinopathy, proliferative*
 Pseudophakic patients, silicone oil pupil block acute angle-closure glaucoma in (*letter*), 987
 Pseudotumors, orbital, central retinal vein occlusion from, 455

R

Rabies vaccination, bilateral optic neuritis after, 179
 Radial optic neurotomy. *See Neurotomy, radial optic*
 Radiotherapy, external beam, for retinoblastoma, 849

Rapid antibiotic susceptibility test (RAST), for bacterial endophthalmitis, 391

Renal transplantation. *See Kidney transplantation*

Retina

- adverse effects of trypan blue on, 582
- biomechanical characteristics of (pig), 967
- Retina photography, still motion animation, 315
- Retinal arteriolar tortuosity, differential diagnosis and treatment of, 790
- Retinal artery malformation, optic disk macroaneurysm and, 985
- Retinal artery occlusion
 - branch, enhanced external counterpulsation for, 541
 - central
 - with central retinal vein occlusion, 452, 467
 - enhanced external counterpulsation for, 541
 - with fibromuscular dysplasia, 461
 - internal carotid artery dissection and, 979
 - Retinal avascular, in *incontinentia pigmenti*, 613
 - Retinal breaks, after LASIK, 706
 - Retinal capillary hemangioma, transpupillary thermotherapy for, 981
 - Retinal choroidal collateral circulation, after radial optic neurotomy, 356
 - Retinal degeneration
 - from indocyanine green (pig), 275
 - peripapillary, differential diagnosis and treatment of, 957
 - Retinal detachment
 - with atopic dermatitis, 953
 - Coats-type exudative, 450
 - differential diagnosis and treatment of, 602
 - subretinal fluid drainage for (*letter*), 659
 - ILM peeling for, 560
 - after LASIK, 706
 - lens-sparing vitrectomy for, 615
 - macular translocation with scleral infolding for, 962
 - macular, with vitreomacular traction syndrome, 307
 - in Marfan syndrome patients (*letter*), 184
 - in morning glory syndrome, 652
 - in regressed retinopathy of prematurity, 368
 - rhegmatogenous
 - ambulatory binocular occlusion for, 246
 - cryotherapy vs. Nd:YAG laser retinopexy for, 878
 - premacular cortical vitreous detachment in, 329
 - thickness and structure of attached retina in, 63
 - serous
 - with macular edema, 758
 - melanoma-associated, 320
 - in Sturge-Weber syndrome, 152
 - in thrombotic thrombocytopenic purpura, 806
 - treatment costs and outcomes, 883
 - vision loss after reattachment for, 293
 - with and without proliferative vitreoretinopathy, 883
 - Retinal dialysis, nontraumatic vs. traumatic, 669
 - Retinal hemorrhage, in Terson syndrome, 155
 - Retinal microcirculation, before and after macular translocation, 51
 - Retinal neoplasms
 - from breast cancer metastasis, 226
 - congenital simple hamartoma, 327
 - Retinal neovascularization
 - in *Bartonella henselae* infection, 176
 - in *incontinentia pigmenti*, 613
 - Retinal oxalosis, in primary hyperoxaluria type 1, 974
 - Retinal pigment epithelial damage
 - in age-related macular degeneration, 910
 - in central serous chorioretinopathy, 633
 - congenital simple hamartoma and, 327
 - hamartoma and, 970
 - from ILM peeling with indocyanine green, 157
 - from indocyanine green (pig), 275
 - from indocyanine green (rabbit), 80
 - from methanol poisoning, 309
 - noninvasive evaluation of, 970
 - in thrombotic thrombocytopenic purpura, 806
 - Retinal tears
 - giant, pars plana vitrectomy for, 172
 - nontraumatic vs. traumatic retinal dialysis, 669
 - Retinal telangiectasis, description and name of, 474
 - Retinal thickness measurements
 - in Alport syndrome, 977
 - optical coherence tomography for, 63
 - Retinal toxicity
 - in methanol poisoning, 309
 - of subconjunctival carboplatin (rabbit), 776
 - Retinal transplantation, full-thickness (pig), 98
 - Retinal vein occlusion
 - branch
 - with chronic macular edema, 964
 - sheathotomy and tissue plasminogen activator for, 530
 - vitrectomy with ILM peeling for, 348
 - central
 - with central retinal artery occlusion, 452, 467
 - with chronic macular edema, 964
 - guarded radial optic neurotomy knife for, 817
 - from orbital pseudotumor, 455
 - radial optic neurotomy for, 356, 610, 616
 - radial optic neurotomy for (*letter*), 182
 - triamcinolone-acetonide for, 324
 - vitrectomy with ILM peeling for, 348
 - differential diagnosis and treatment of, 602
 - midperipheral branch, serous macular detachment with, 299
 - superior ophthalmic, with dural arteriovenous malformation, 491
 - superior temporal, retinal venous macroaneurysm and, 445
 - Retinal venous macroaneurysm, diagnosis and management of, 445
 - Retinitis
 - cytomegalovirus
 - ganciclovir implants vs. cidofovir for, 41
 - subretinal hemorrhage in, 611
 - pigmentosa
 - in Bietti's corneoretinal dystrophy, 416

Coats-type, 450

Retinoblastoma

- adjuvant chemotherapy for, 849
- current management of (*editorial*), 825
- management update, 828

Retinopathy

- acute annular outer, indocyanine green angiography for, 796
- crystalline, clinical and functional features of, 267
- diabetic. *See Diabetic retinopathy*
- melanoma-associated, 320
- nonproliferative, macular hole surgery and, 360

Retinopathy of prematurity

- continuing medical education on, 283
- infant distress during screening for, 242
- regressed, retinal detachment of, 368
- stage 4
 - lens-sparing vitrectomy for, 615
 - lens-sparing vitrectomy vs. scleral buckle for, 753
 - progression of, 237
 - surgical outcomes for (*letter*), 658
- stage 5, surgical outcomes for (*letter*), 658
- vascular endothelial growth factor and (*letter*), 658

Retinoschisis

- in highly myopic eyes, 331
- with vitreomacular traction syndrome, 307
- X-linked, optical coherence tomography for, 151

Retinotomy, 360-degree, for choroidal neovascularization, 548

Retrolubar injections, of methylprednisolone, 905

Rhegmatogenous retinal detachment. *See Retinal detachment, rhegmatogenous*

S

S-cone syndrome, scanning laser ophthalmoscopy for, 946

Scalp infusion cannulas, for vitreous tap, 803

Scanning laser ophthalmoscopy

- for foveal sensitivity and fixation stability, 548
- for retinal pigment epithelial hamartoma, 970
- for S-cone syndrome, 946

Scar formation, from photocoagulation in diabetic retinopathy, 507

***Scedosporium apiospermum* endophthalmitis, voriconazole for**, 319

Scleral buckling

- for rhegmatogenous retinal detachment, 878
- spontaneous expulsion of Miragel buckles, 306
- for stage 4 retinopathy of prematurity, 753

Scleral suturing, vitreous hemorrhage after, 193

Scleritis, posterior, combined central retinal artery and vein occlusion from, 467

Sclerochoroidal calcifications, in glomerulonephritis, 304

Sclerotomy incision, complications from 30-gauge needles for, 810

Sclerotomy sites, incarcerated materials at, 407

Scotoma, annular, multifocal electroretinography and optical coherence tomography for, 772

Serous retinal detachment. *See Retinal detachment, serous*

Sheathotomy, for macular edema in branch vein retinal occlusion, 530

Silicone oil

- on instruments after cleaning and sterilization, 110
- pupil block acute angle-closure glaucoma from (*letter*), 987
- retained, anterior capsular occlusion with, 483
- visual loss after removal of, 871

Silicone oil tamponade

- for Coats-type pigmentosa retinitis, 450
- visual loss after retinal reattachment and, 293

Small interfering RNA, against VEGF

- for choroidal neovascularization (primate), 132
- for choroidal neovascularization (primate) (*letter*), 660, 661

Spleen metastasis, from uveal melanoma, 170

Stargardt disease

- clinical and electroretinogram features of, 920
- widespread fungus flecks in, 254

Sterilization of instruments, detergent and silicone oil remnants after cleaning, 110

Steroids, for subretinal cysticercosis, 469

Still motion animation photography, retinal, 315

Sturge-Weber syndrome, photodynamic therapy with verteporfin for, 152

Subfoveal choroidal neovascularization. *See Choroidal neovascularization, subfoveal*

Subfoveal space, perfluorocarbon droplets in, after pars plana vitrectomy, 172

Submacular deposits, with central serous choriotrinopathy, 301

Submacular exudates, long-term results of vitrectomy for, 23

Submacular hemorrhage, tissue plasminogen activator injection for, 808

Submacular surgery

- for choroidal neovascularization, 888
- with photoacoagulation, for choroidal neovascularization, 161
- for subretinal neovascularization, 219

Subretinal cysticercosis, albendazole and steroids for, 469

Subretinal fluid, drainage in exudative retinal detachment (*letter*), 659

Subretinal hemorrhage, in cytomegalovirus retinitis, 611

Subretinal retention, of perfluorocarbon liquids, 746

Subretinal space

- indocyanine green in (rabbit), 80
- perfluorocarbon liquid migration into, 116
- submacular surgery for neovascularization of, 219

Superior ophthalmic retinal vein occlusion, with dural arteriovenous malformation, 491

Superior ophthalmic vein thrombosis, with combined central retinal vein and artery occlusion, 452

Suturing, scleral. *See Scleral suturing*

Sympathetic ophthalmia, vs. multiple evanescent white dot syndrome, 637

T

Tamponade, intraocular. *See* Intraocular tamponade
 Telangiectasis, idiopathic juxtapapillary, description and name of, 474
 Terson syndrome, retinal hemorrhage cleavage plane in, 155
 Thermotherapy, transpupillary. *See* Transpupillary thermotherapy
 Thrombosis, superior ophthalmic vein, 452
 Thrombotic thrombocytopenic purpura (TTP), retinal detachment and retinal pigment epithelium tear in, 806
 Tissue plasminogen activator
 endophthalmitis from intravitreous injection of, 808
 for macular edema in branch vein retinal occlusion, 530
 Tomography, optical coherence. *See* Optical coherence tomography
 Trans-tendon retrobulbar injection, for chronic macular edema with retinal vein occlusion, 964
 Transpupillary thermotherapy
 for angioid streaks in choroidal neovascularization, 801
 for retinal capillary hemangioma, 981
 Trauma, ocular. *See* Ocular injuries
 Triamcinolone-acetonide
 for central retinal vein occlusion, 324
 for chronic macular edema with retinal vein occlusion, 964
 for cystoid macular edema, 459
 ILM peeling with, 620
 intravitreal concentration and clearance of, 900
 for ocular ischemic syndrome, 459
 safety of (*editorial*), 488
 Trypan blue
 adverse effects of, 582
 staining during pars plana vitrectomy, 736

U

Uveal melanoma
 rapidly growing, 646
 spleen metastasis from, 170
 Uveitis, immune recovery, long-term results of treatment for, 376

V

Value-based medicine, vs. evidence-based medicine, 139
 Vascular endothelial growth factor
 retinopathy of prematurity and (*letter*), 658
 small interfering RNA
 for choroidal neovascularization (primate), 132
 for choroidal neovascularization (primate) (*letter*), 660, 661
 Vasculopathy, polypoidal choroidal, with choroidal hemangioma, 629
 Verteporfin therapy. *See also* Photodynamic therapy
 in age-related macular degeneration, 512
 for angioid streaks, 763
 for choroidal neovascularization, 618, 763
 for juxtapapillary choroidal neovascularization, 501
 vs. laser photocoagulation, 13

for ocular histoplasmosis with choroidal neovascularization, 863

for Sturge-Weber syndrome, 152

for subfoveal choroidal neovascularization, 1

for vitelliform lesions, 399

Virtual reality simulators, for vitreoretinal surgery, 231

Vision loss

 from acute retinal necrosis, 297

 differential diagnosis and treatment of, 602

 from intravitreous injections, 676

 from iron chelating agents, 464

 after retinal reattachment, 293

 after silicone oil removal, 871

 from vitrectomy for retained lens fragments, 363

Visual acuity

 ILM peeling and, 721

 after multiple vitrectomies, 19

 after photodynamic therapy with verteporfin, 501

 in systemic aspergillosis, 166

 after vitrectomy for submacular hard exudates, 23

Visual field loss, in peripapillary retinal degeneration, 957

Vitelliform dystrophy, optical coherence tomography for, 322

Vitelliform maculopathy, after deferoxamine treatment, 464

Vitrectomy

 for diabetic vitreous hemorrhage, 19

 with epimacular membrane peeling, 728

 gas, indocyanine green dye migration into optic nerve from (rabbit), 412

lens-sparing

 for retinopathy of prematurity, 615

 for stage 4 retinopathy of prematurity, 753

multiple, visual acuity and complications after, 19

ocular oxygen consumption measurements during (cat), 120

pars plana

 cataract formation after, 574

 for chronic macular holes, 341

 for Coats-type pigmentosa retinitis, 450

 eye pain after, 458

 for giant retinal tears, 172

 incarcerated materials and, 407

 for incontinentia pigmenti, 631

 for macular holes, 721

 for posterior chamber intraocular lens dislocation, 556

 for retained lens fragments, 363

 for retinal vein occlusion, 348

 trypan blue staining for, 736

 visual loss after, 293

for Terson syndrome-associated retinal hemorrhage, 155

for vitreomacular traction syndrome, 307

for vitreous hemorrhage, 36

 with vitreous shaving, for proliferative vitreoretinopathy, 215

Vitrectomy lens holder, improved wide-angle, 654

Vitreitis, differential diagnosis and treatment of, 602

Vitreomacular traction syndrome, retinoschisis and macular retinal detachment with, 307

Vitreoperfusion, ocular oxygen consumption measurements (cat), 120

Vitreoretinal surgery
chick chorioallantoic membrane model for, 427
engineering approach to, 435
intraoperative ketorolac and eye pain after (*letter*), 182, 183
perfluorocarbon liquid retention in, 746
perfluorohexyloctane for long-term tamponade in, 567
virtual reality simulators for, 231

Vitreoretinopathy, proliferative
after macular translocation with scleral infolding, 962
treatment costs and outcomes, 883
vitrectomy with vitreous shaving for, 215

Vitreous detachment
posterior, plasmin induction of, 199
premacular cortical, in rhegmatogenous retinal detachment, 329

Vitreous fluid, leptin concentrations in diabetic retinopathy, 30

Vitreous hemorrhage
from choroidal metastasis, 168

after scleral suturing of posterior chamber interocular lenses, 193

vitrectomy for, 36

Vitreous incarceration, from 30-gauge needle sclerotomy incisions, 810

Vitreous neoplasms, from breast cancer metastasis, 226

Vitreous shaving, for proliferative vitreoretinopathy, 215

Vitreous tap, butterfly needle/scalp infusion cannula techniques for, 803

von Hippel-Lindau disease, retinal capillary hemangioma and, 981

Voriconazole, for *Scedosporium apiospermum* endophthalmitis, 319

W

White dot syndrome, multiple evanescent brown areas in, 814
vs. sympathetic ophthalmia, 637

X

X-linked retinoschisis, optical coherence tomography for, 151